In re application of

Confirmation No. 2488

Kazunori KATAOKA et al.

Docket No. 2004-1545A

Serial No. 10/509,576

Group Art Unit 1645

Filed September 29, 2004

BIOSENSOR CHIP SURFACE

CARRYING POLYETHYLENE
GLYCOLATED NANOPARTICLES

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT

ACCOUNT NO. 23-0975.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

1a.

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

[X]	each U.S. Patent and U.S. Patent application publication;						
O	each reference previously cited in the international application PCT/; and/or						
	each reference previously cited in prior parent application Serial No.						
[X] Thi	s Information Disclosure Statement is submitted:						
within three months of the filing date (or of entry into the National Stage) of the abo entitled application, or							

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. [] This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
- 1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. [] that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

- 3. [] Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
- 4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
 - a. [] a full or partial English language translation submitted herewith,
 - b. [] a foreign patent office search report (in the English language) submitted herewith,
 - c. [X] the concise explanation contained in the specification of the present application at pages 1-4,
 - d. [X] the concise explanation set forth in the attached English language abstract,
 - e. [] the concise explanation set forth below or on a separate sheet attached to the reference:
- 5. [] A foreign patent office search report citing one or more of the references is enclosed.
- 6. [] Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

7. [X] Comments:

We enclose herewith copies of the references cited in the International Search Report. These references were previously cited (references AJ-AP) on the PTO-1449 form attached to the Information Disclosure Statement filed September 29, 2004.

WO '301, cited on the attached PTO-1449 form, corresponds to US 2003/0171506, also cited herein. JP '903, cited herein, corresponds to US 2004/0038506, cited herein. WO '200, cited on the PTO-1449 form attached to the Information Disclosure Statement filed September 29, 2004, also corresponds to US 2004/0038506.

JP '097, cited on the PTO-1449 form attached to the Information Disclosure Statement filed September 29, 2004, is related to US '275, cited herein. WO '690, cited on the PTO-1449 form attached to the Information Disclosure Statement filed September 29, 2004, corresponds to the English translation of originally filed PCT application PCT/JP02/08619, cited herein.

Respectfully submitted,

Kazunori KATAOKA et al.

By:

Amy E. Pulliam

Registration No. 55,965 Agent for Applicants

MRD/AEP/pth Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 March 30, 2005

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Sheet 1 of 2 INFORMATION DISCLOSURE STATEMENT											
FORM PTO 1449 (m	AR 3 0 2005 W	ATTY DOCKET NO. SERIAL N 2004-1545A 10/509,									
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICATION (Use several sheets if necessary)				APPLICANT Kazunori KATAOKA et al.							
Date	05	FILING DATE September 29, 2004			GROUP 1645						
U.S. PATENT DOCUMENTS											
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CI	ASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AA	5,242,828	9/1993	Bergs	ström et al.						
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	AF	01/86301	11/2001		WO						
	AG	2002-267669	9/2002		Japan						
	АН	2000-055920	2/2000		Japan	<u></u>					
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	AN C. Roberts et al., "Using Mixed Self-Assembled Monolayers Presenting RGD and (EG) 3OH Groups To Characterize Long-Term Attachment of Bovine Capillary Endothelial Cells to Surfaces", J. Am. Chem. Soc., 120, pages 6548-6555, 1998.										
	AO	L.A. Lyon et al., "Colloidal Au-Enhanced Surface Plasmon Resonance Immunosensing", Anal. Chem., 70, pages 5177-5183, 1998.									
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U.S. PAT	DEPAR	RTMENT OF COMMERCE	MAR 3 0 2005 E	9			09,576	5/6		
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	(Ose seve	erar sileets ii riecessary)		FILING DAT			GROUP			
Date Submitted to PTO: March 30, 2005				September 29, 2004 1645						
*EXAMINER DOCUMENT			DATE	S. PATENT DOCUMENTS NAME CLASS			SUBCLASS	SUBCLASS FILING DATE IF APPROPRIATE		
INITIAL		NUMBER						APPROPRIATE		
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	AB			ļ <u>.</u>						
	AC									
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		DOCUMENT NUMBER	DATE	C	COUNTRY CLASS			TRANSLATION YES NO		
	AD									
	AE									
	AF									
	AG									
		OTHE	R DOCUMENT(S) (I	Including Autho	or, Title, Date, Pertinen	nt Pages, Etc.)				
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	AM									
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.